

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Spring 2017 Levee Inspection Results**

**Reclamation District No. 0556 Upper Andrus**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)				

\*\* Non-receipt of Summer or Winter Inspection  
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2017 Levee Inspection Results**

**Reclamation District No. 0556 Upper Andrus**

Waterway			Bank	Unit Miles
Unit No. 01 Georgiana Slough			Right	5.48
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/19/2017 - 4/19/2017			
DWR Inspector	Herman Phillips			
Accompanied By	Alvin Silva RD 556 Unit 1			

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/19/2017 04/19/2017	Herman Phillips

LM Start		Rating **	M	Issue No.	<b>3</b>
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_RD0556_01_f_2014_3				
Comment Code					
Inspector Comment					
The members in the district have not been flood fight trained recently according to the district manager.					

No Photos

LM Start		Rating **	A	Issue No.	<b>6</b>
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD0556_01_s_2012_6				
Comment Code					
Inspector Comment					
District president has the O&M Manual.					

No Photos

LM Start		Rating **	M	Issue No.	<b>8</b>
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD0556_01_f_2014_8				
Comment Code					
Inspector Comment					
According to the district manager, when they need supplies they will order them, there are no supplies stored.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

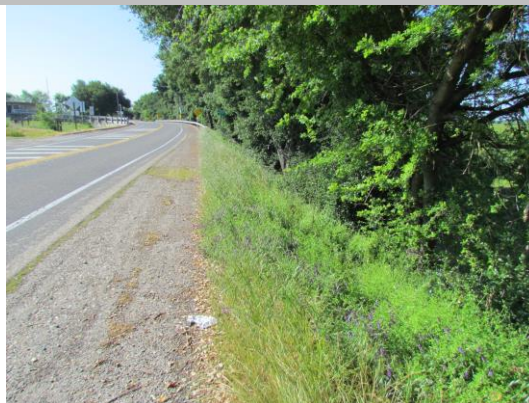
**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/19/2017 04/19/2017	Herman Phillips

LM Start	0.09	Rating **	U	Issue No.	21
LM End	0.90	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.237863 °	38.228602 °
				-121.518163 °	-121.526290 °
DWR ID	DWR_RD0556_01_s_2017_21				
Comment Code					
V7 : Trees / Woody Vegetation					
Inspector Comment					
Control the wild growth and trim the trees so the slope can be seen.					

Photo 1 of 1 : SP\_2017\_RD0556\_18\_21\_20170517\_00053.jpg



Looking downstream from levee mile 0.09 woody tree growth and wild weeds covering the levee slope and shoulder landside levee section.

LM Start	0.16	Rating **	U	Issue No.	23
LM End	1.40	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.236773 °	38.226925 °
				-121.518112 °	-121.533170 °
DWR ID	DWR_RD0556_01_s_2017_23				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Control the wild growth from the waterside levee slope beyond the bridge crossing to levee mile 1.40.					

Photo 1 of 1 : SP\_2017\_RD0556\_18\_23\_20170517\_00054.jpg



Looking downstream from levee mile 0.16 waterside shoulder.

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/19/2017 04/19/2017	Herman Phillips

LM Start	0.44	Rating **	M	Issue No.	387
LM End	0.44	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.233537 °	38.233537 °
				-121.520483 °	-121.520483 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:45564					
DS_ID:20820					
EP_NO: 3448					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Dense vegetation inhibited visibility of gasline marker on WS. Need to contact owner to determine status of crossing.					
FIELD_STRUCT_DESC: 4-1/2-inch steel pipe gas line through levee, 4.0 feet below the crown. Location marker on waterward shoulder. (App. 3448-PG&E pipe not located 2/91). Cut in pavement visible at crossing.					
Gasline marker on LS and opposite bank at RD 263.					
FS Date: 5/27/2015					

Photo 1 of 3 : UCIP\_SP\_2017\_45564\_74151.jpg



Gasline marker present on LS.

LM Start	<b>0.44</b>	Rating **	M	Issue No.	<b>387 (cont)</b>
LM End	<b>0.44</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_SP\_2017\_45564\_74146.jpg



View of WS; cut in pavement in alignment with arrow and Olivia indicating location of crossing trench.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/19/2017 04/19/2017	Herman Phillips

LM Start	0.44	Rating **	M	Issue No.	387 (cont)	
LM End	0.44	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.233537 °		38.233537 °
				-121.520483 °		-121.520483 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:45564						
DS_ID:20820						
EP_NO: 3448						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Dense vegetation inhibited visibility of gasline marker on WS. Need to contact owner to determine status of crossing.						
FIELD_STRUCT_DESC: 4-1/2-inch steel pipe gas line through levee, 4.0 feet below the crown. Location marker on waterward shoulder. (App. 3448-PG&E pipe not located 2/91). Cut in pavement visible at crossing. Gasline marker on LS and opposite bank at RD 263.						
FS Date: 5/27/2015						

Photo 3 of 3 : UCIP\_SP\_2017\_45564\_74152.jpg



View of WS. Dense vegetation limited visibility of 'No Trespassing' sign.

LM Start	0.53	Rating **	M	Issue No.	388
LM End	0.53	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.232450 °	38.232450 °
				-121.521624 °	-121.521624 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:45663 DS_ID:20821 EP_NO: 5548 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation prevents inspection of WS slope. FIELD_STRUCT_DESC: 12-inch steel pipe through levee, 5.0 feet below crown. 1-1/4-inch electrical conduit through the levee. Concrete steps on landward slope. Pump off landward toe. Cuts visible on pavement. (App. 5548). FS Date: 5/13/2015					

Photo 1 of 3 : UCIP\_SP\_2017\_45663\_74180.jpg



Concrete steps on LS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/19/2017 04/19/2017	Herman Phillips

LM Start	0.53	Rating **	M	Issue No.	388 (cont)	
LM End	0.53	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.232450 °	38.232450 °	
				-121.521624 °	-121.521624 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:45663						
DS_ID:20821						
EP_NO: 5548						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Dense vegetation prevents inspection of WS slope.						
FIELD_STRUCT_DESC: 12-inch steel pipe through levee, 5.0 feet						
below crown. 1-1/4-inch electrical conduit through the levee. Concrete						
steps on landward slope. Pump off landward toe. Cuts visible on						
pavement. (App. 5548).						
FS Date: 5/13/2015						

Photo 2 of 3 : UCIP\_SP\_2017\_45663\_74181.jpg



View of WS with cuts visible on pavement.

LM Start	<b>0.53</b>	Rating **	M	Issue No.	<b>388 (cont)</b>
LM End	<b>0.53</b>	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_SP\_2017\_45663\_74182.jpg



Pump and pipe into levee off LS toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/19/2017 04/19/2017	Herman Phillips

LM Start	0.54	Rating **	M	Issue No.	389
LM End	0.54	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.232354 °	38.232354 °
				-121.521727 °	-121.521727 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:45664 DS_ID:20826 EP_NO: 5548A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation prevented inspection of WS slope. FIELD_STRUCT_DESC: 14-inch pipe through levee 5.0 feet below the crown. Pole with panel and standpipe on landward toe (5548A- Kay Dix Ranch 1986). FS Date: 5/27/2015					

Photo 1 of 3 : UCIP\_SP\_2017\_45664\_74190.jpg



View of LS with standpipe visible behind tree.

LM Start	<b>0.54</b>	Rating **	M	Issue No.	<b>389 (cont)</b>
LM End	<b>0.54</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_SP\_2017\_45664\_74191.jpg



View of WS with cuts visible on pavement.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
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**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/19/2017 04/19/2017	Herman Phillips

LM Start	0.54	Rating **	M	Issue No.	389 (cont)
LM End	0.54	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.232354 °	38.232354 °
				-121.521727 °	-121.521727 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:45664 DS_ID:20826 EP_NO: 5548A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation prevented inspection of WS slope. FIELD_STRUCT_DESC: 14-inch pipe through levee 5.0 feet below the crown. Pole with panel and standpipe on landward toe (5548A- Kay Dix Ranch 1986). FS Date: 5/27/2015					

Photo 3 of 3 : UCIP\_SP\_2017\_45664\_74192.jpg



Standpipe and service pole visible off LS toe.

LM Start	0.80	Rating **	M	Issue No.	12
LM End	3.36	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.229459 °	38.208959 °
				-121.524805 °	-121.541368 °
DWR ID	DWR_RD0556_01_s_2012_12				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Extermininate rodents and backfill and compact burrows.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/19/2017 04/19/2017	Herman Phillips

LM Start	0.93	Rating **	U	Issue No.	10
LM End	1.54	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.228295 °	38.225368 °
				-121.526688 °	-121.534677 °
DWR ID	DWR_RD0556_01_f_2015_10				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Thin out and remove the wild tree growth and vegetation on the landside levee slope and shoulder.					

Photo 1 of 1 : SP\_2017\_RD0556\_18\_10\_20170517\_00057.jpg



RD 556 Unit 1 levee miles 0.93-1.54 looking downstream landside slope.

LM Start	1.17	Rating **	M	Issue No.	390
LM End	1.17	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.227534 °	38.227534 °
				-121.529396 °	-121.529396 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:46799 DS_ID:25106 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Possible erosion above pipe on LS needs attention. FIELD_STRUCT_DESC: 8-inch steel irrigation pipe unknown feet below crown visible on LS 6 ft away from 10-inch pipe. Post likely for protection of vent located off the crown on shoulder. Electric pole next to pipe on LS. FS Date: 5/27/2015					

Photo 1 of 3 : UCIP\_SP\_2017\_46799\_74739.jpg



LS view: 8-inch pipe off LS slope with possible erosion above pipe (circled).

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/19/2017 04/19/2017	Herman Phillips

LM Start	1.17	Rating **	M	Issue No.	390 (cont)
LM End	1.17	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.227534 °	38.227534 °	
			-121.529396 °	-121.529396 °	
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:46799  
DS\_ID:25106  
EP\_NO: N/A  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: Possible erosion above pipe on LS needs attention.  
FIELD\_STRUCT\_DESC: 8-inch steel irrigation pipe unknown feet below crown visible on LS 6 ft away from 10-inch pipe. Post likely for protection of vent located off the crown on shoulder. Electric pole next to pipe on LS.  
FS Date: 5/27/2015

LM Start	1.17	Rating **	M	Issue No.	390 (cont)
LM End	1.17	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_SP\_2017\_46799\_74740.jpg



LS view: Post located above pipe on LS slope.

Photo 3 of 3 : UCIP\_SP\_2017\_46799\_74741.jpg



Electric pole next to pipe on LS.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/19/2017 04/19/2017	Herman Phillips

LM Start	1.17	Rating **	M	Issue No.	391
LM End	1.17	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.227568 °	38.227568 °
				-121.529489 °	-121.529489 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:45683  
DS\_ID:20823  
EP\_NO: 11169  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: Appears abandoned in place and if so should be done so properly. Dense vegetation on WS limits visibility.  
FIELD\_STRUCT\_DESC: 10-inch pipe through levee, 3.8 feet below crown. (Lower end of rock revetment)(ABO 11169 - Mealer and 4848).  
Abandoned in place. O&M Manual Sac 103, June 1954  
FS Date: 5/27/2015

LM Start	<b>1.17</b>	Rating **	M	Issue No.	<b>391 (cont)</b>
LM End	<b>1.17</b>	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP\_SP\_2017\_45683\_74200.jpg



LS view of pipe appearing abandoned in place.

Photo 2 of 3 : UCIP\_SP\_2017\_45683\_74201.jpg



Closeup of abandoned pipe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

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**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/19/2017 04/19/2017	Herman Phillips

LM Start	1.17	Rating **	M	Issue No.	391 (cont)	
LM End	1.17	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.227568 °	38.227568 °	
				-121.529489 °	-121.529489 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:45683 DS_ID:20823 EP_NO: 11169 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears abandoned in place and if so should be done so properly. Dense vegetation on WS limits visibility. FIELD_STRUCT_DESC: 10-inch pipe through levee, 3.8 feet below crown. (Lower end of rock revetment)(ABO 11169 - Mealer and 4848). Abandoned in place. O&M Manual Sac 103, June 1954 FS Date: 5/27/2015						

Photo 3 of 3 : UCIP\_SP\_2017\_45683\_74202.jpg



View up LS slope. 10" pipe (not visible) rests next to (visible) 8" pipe.

LM Start	1.33	Rating **	M	Issue No.	392
LM End	1.33	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.227622 °	38.227622 °
				-121.532154 °	-121.532154 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:45692 DS_ID:20825 EP_NO: 13302 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Seal beneath siphon breaker off LS toe leaking. Rodent activity near crown off LS shoulder. Need to contact owner about leaky seal. Dense vegetation prevented inspection of WS slope. FIELD_STRUCT_DESC: 6-inch steel pipe and 2-inch GI electrical conduit through levee 2 feet below crown; roadway with siphon valve on landward shoulder. Concrete stand and pump on landward toe; circuit box also. Cuts visible on pavement. 6-inch PVC standpipe adjacent to pipe off LS toe. (Kay Dix Ranch App. 13302). O&M Manual Sac 103, June 1954 FS Date: 5/27/2015					

Photo 1 of 3 : UCIP\_SP\_2017\_45692\_74204.jpg



Pipe, standpipe, electrical box at LS toe. Pumphouse in bush behind electrical box.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/19/2017 04/19/2017	Herman Phillips

LM Start	1.33	Rating **	M	Issue No.	392 (cont)	
LM End	1.33	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.227622 °	38.227622 °	
				-121.532154 °	-121.532154 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:45692 DS_ID:20825 EP_NO: 13302 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Seal beneath siphon breaker off LS toe leaking. Rodent activity near crown off LS shoulder. Need to contact owner about leaky seal. Dense vegetation prevented inspection of WS slope. FIELD_STRUCT_DESC: 6-inch steel pipe and 2-inch GI electrical conduit through levee 2 feet below crown; roadway with siphon valve on landward shoulder. Concrete stand and pump on landward toe; circuit box also. Cuts visible on pavement. 6-inch PVC standpipe adjacent to pipe off LS toe. (Kay Dix Ranch App. 13302). O&M Manual Sac 103, June 1954 FS Date: 5/27/2015						

LM Start	<b>1.33</b>	Rating **	M	Issue No.	<b>392 (cont)</b>
LM End	<b>1.33</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_SP\_2017\_45692\_74205.jpg



WS view and cuts visible on pavement.

Photo 3 of 3 : UCIP\_SP\_2017\_45692\_74206.jpg



Closeup of pipe at LS toe. Seal beneath siphon breaker leaking.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/19/2017 04/19/2017	Herman Phillips

LM Start	1.34	Rating **	U	Issue No.	27
LM End	1.37	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.227521 °	38.227320 °
				-121.532393 °	-121.532710 °
DWR ID	DWR_RD0556_01_s_2013_27				
Comment Code					
DE : Debris					
Inspector Comment					
Remove the pile of asphalt and concrete from the toe of levee.					

LM Start	<b>1.34</b>	Rating **	U	Issue No.	<b>27 (cont)</b>
LM End	<b>1.37</b>	Issue Type +	En	Location *	LS

Photo 1 of 3 : SP\_2017\_RD0556\_18\_27\_20170517\_00055.jpg



RD 556 Unit 1 levee mile 1.34-1.37 landside toe.

Photo 2 of 3 : SP\_2017\_RD0556\_18\_27\_20170404\_00007.jpg



RD 556 unit 1 levee miles 1.34-1.37 landside toe.

LM Start	<b>1.34</b>	Rating **	U	Issue No.	<b>27 (cont)</b>
LM End	<b>1.37</b>	Issue Type +	En	Location *	LS

Photo 3 of 3 : SP\_2017\_RD0556\_18\_27\_20170517\_00056.jpg



RD 556 Unit 1 levee mile 1.34-1.37 continuation of material on the toe.

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/19/2017 04/19/2017	Herman Phillips

LM Start	1.41	Rating **	M	Issue No.	25
LM End	1.74	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.226798 °	38.224150 °
				-121.533282 °	-121.538000 °
DWR ID	DWR_RD0556_01_s_2017_25				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Control annual grasses and weeds from the slope and berm.					

No Photos

LM Start	1.43	Rating **	M	Issue No.	40
LM End	1.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.226537 °	38.226537 °
				-121.533512 °	-121.533512 °
DWR ID	DWR_RD0556_01_f_2012_40				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Monitor the erosion site listed.					

No Photos

LM Start	1.50	Rating **	M	Issue No.	22
LM End	1.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.225840 °	38.225840 °
				-121.534157 °	-121.534157 °
DWR ID	DWR_RD0556_01_s_2012_22				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Monitor the erosion site listed.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/19/2017 04/19/2017	Herman Phillips

LM Start	1.55	Rating **	U	Issue No.	9
LM End	1.57	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.225191 °	38.224976 °
				-121.534799 °	-121.535043 °
DWR ID	DWR_RD0556_01_s_2012_9				
Comment Code					
TR : Tree or limb					
Inspector Comment					
These cut up tree sections remain on the waterward slope. The owner is on the Reclamation District's Board, Mr. Silva said he will ask him to remove the encroachment.					

Photo 1 of 1 : SP\_2017\_RD0556\_18\_9\_20170404\_00002.jpg



Unsatisfactory dumping of cut up tree sections on the waterside levee shoulder.

LM Start	1.57	Rating **	M	Issue No.	393
LM End	1.57	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.225001 °	38.225001 °
				-121.535007 °	-121.535007 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:45743					
DS_ID:20827					
EP_NO: 11169					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Dense vegetation on LS and WS limited accessibility.					
FIELD_STRUCT_DESC: 8-inch steel pipe through levee, 3.5 feet below crown. Pump and gate valve on WS berm. 2-inch electrical conduit into WS slope. A 36-inch concrete standpipe and concrete block step on Landward Slope. (Listed as 10-inch in ABO 11169 - Mealer). O&M Manual Sac 103, June 1954					
FS Date: 5/27/2015					

Photo 1 of 3 : UCIP\_SP\_2017\_45743\_74240.jpg



Concrete standpipe and steps off LS toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/19/2017 04/19/2017	Herman Phillips

LM Start	1.57	Rating **	M	Issue No.	393 (cont)	
LM End	1.57	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.225001 °		38.225001 °
				-121.535007 °		-121.535007 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:45743						
DS_ID:20827						
EP_NO: 11169						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Dense vegetation on LS and WS limited accessibility.						
FIELD_STRUCT_DESC: 8-inch steel pipe through levee, 3.5 feet below crown. Pump and gate valve on WS berm. 2-inch electrical conduit into WS slope. A 36-inch concrete standpipe and concrete block step on Landward Slope. (Listed as 10-inch in ABO 11169 - Mealer). O&M Manual Sac 103, June 1954						
FS Date: 5/27/2015						

Photo 2 of 3 : UCIP\_SP\_2017\_45743\_74241.jpg



Service pole next to standpipe off LS toe.

LM Start	<b>1.57</b>	Rating **	M	Issue No.	<b>393 (cont)</b>
LM End	<b>1.57</b>	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_SP\_2017\_45743\_74242.jpg



Slant pump and pipe with 2" electrical conduit into WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/19/2017 04/19/2017	Herman Phillips

LM Start	1.57	Rating **	M	Issue No.	386
LM End	1.67	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.224995 °	38.224486 °
				-121.535094 °	-121.536766 °
DWR ID	DWR_RD0556_01_f_2013_386				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the wild growth from the landside levee slope.					

No Photos

LM Start	1.65	Rating **	M	Issue No.	17
LM End	1.70	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.224623 °	38.224408 °
				-121.536320 °	-121.537180 °
DWR ID	DWR_RD0556_01_s_2012_17				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Maintain the landscaping on the landside slope and shoulder.					

No Photos

LM Start	1.74	Rating **	U	Issue No.	74
LM End	2.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.224198 °	38.220317 °
				-121.537987 °	-121.544172 °
DWR ID	DWR_RD0556_01_f_2015_74				
Comment Code					
V7 : Trees / Woody Vegetation					
Inspector Comment					
This arundo needs to be removed, this vegetation completely blocks the view of the waterside slope, shoulder and toe.					

Photo 1 of 1 : SP\_2017\_RD0556\_18\_74\_20170517\_00060.jpg



RD 556 Unit 1 waterside levee mile 1.74-2.29.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/19/2017 04/19/2017	Herman Phillips

LM Start	1.79	Rating **	M	Issue No.	394
LM End	1.79	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.223999 °	38.223999 °
				-121.538735 °	-121.538735 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:45746  
DS\_ID:20828  
EP\_NO: 3735  
Repair Type: Non-Urgent  
Crossing Status: Indicator Found  
UCIP Comments: Dense vegetation on LS and WS limited accessibility.  
FIELD\_STRUCT\_DESC: 4-inch electric conduit through levee, 4.0 feet below the crown. Pump on berm. Underground submarine cable crossing. (App. 3735-PG&E). Electric pole on LS in alignment with cuts in pavement.  
FS Date: 5/27/2015

LM Start	<b>1.79</b>	Rating **	M	Issue No.	<b>394 (cont)</b>
LM End	<b>1.79</b>	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP\_SP\_2017\_45746\_74250.jpg



View of WS and cuts in pavement.

Photo 2 of 3 : UCIP\_SP\_2017\_45746\_74251.jpg



Cuts in pavement in alignment with electric pole off LS toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/19/2017 04/19/2017	Herman Phillips

LM Start	1.79	Rating **	M	Issue No.	394 (cont)
LM End	1.79	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.223999 °	38.223999 °
				-121.538735 °	-121.538735 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:45746 DS_ID:20828 EP_NO: 3735 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Dense vegetation on LS and WS limited accessibility. FIELD_STRUCT_DESC: 4-inch electric conduit through levee, 4.0 feet below the crown. Pump on berm. Underground submarine cable crossing. (App. 3735-PG&E). Electric pole on LS in alignment with cuts in pavement. FS Date: 5/27/2015					

Photo 3 of 3 : UCIP\_SP\_2017\_45746\_74252.jpg



Pipe debris present at LS toe.

LM Start	1.89	Rating **	M	Issue No.	395
LM End	1.89	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.223760 °	38.223760 °
				-121.540629 °	-121.540629 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:45764 DS_ID:20829 EP_NO: 11178 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation on WS and LS. Some oil leakage inside pumphouse. FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through levee, 3.7 feet below crown. 2-inch electric conduit through levee next to 8-inch. A 1-inch air valve and pump on berm. Service pole on landward slope. Tin and wood pump house on berm. A 12-ft x 36-inch concrete standpipe on landside. (ABO- 11178 - Swett). O&M Manual Sac 103, June 1954 FS Date: 5/27/2015					

Photo 1 of 3 : UCIP\_SP\_2017\_45764\_74260.jpg



LS view: service pole on LW slope. Standpipe not visible in photo.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/19/2017 04/19/2017	Herman Phillips

LM Start	1.89	Rating **	M	Issue No.	395 (cont)	
LM End	1.89	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.223760 °		38.223760 °
				-121.540629 °		-121.540629 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:45764 DS_ID:20829 EP_NO: 11178 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation on WS and LS. Some oil leakage inside pumphouse. FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through levee, 3.7 feet below crown. 2-inch electric conduit through levee next to 8-inch. A 1-inch air valve and pump on berm. Service pole on landward slope. Tin and wood pump house on berm. A 12-ft x 36-inch concrete standpipe on landside. (ABO- 11178 - Swett). O&M Manual Sac 103, June 1954 FS Date: 5/27/2015						

Photo 2 of 3 : UCIP\_SP\_2017\_45764\_74261.jpg



Pole on LS slope with electric box and 2-inch conduit.

LM Start	<b>1.89</b>	Rating **	M	Issue No.	<b>395 (cont)</b>
LM End	<b>1.89</b>	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_SP\_2017\_45764\_74262.jpg



Standpipe on LS next to service pole.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/19/2017 04/19/2017	Herman Phillips

LM Start	2.09	Rating **	U	Issue No.	30
LM End	2.10	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.223033 °	38.222953 °
				-121.544160 °	-121.544223 °
DWR ID	DWR_RD0556_01_s_2017_30				
Comment Code					
CR : Crops					
Inspector Comment					
Unauthorized berry vines on slope and berm.					

Photo 1 of 1 : SP\_2017\_RD0556\_18\_30\_20170517\_00061.jpg



Looking at the landside shoulder and slope at the unauthorized berry vines.

LM Start	2.13	Rating **	M	Issue No.	396
LM End	2.13	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.222560 °	38.222560 °
				-121.544485 °	-121.544485 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:45786 DS_ID:20830 EP_NO: 2392 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Hole and exposed depression adjacent to pipe at LS. Dense vegetation on WS and LS limited visibility. FIELD_STRUCT_DESC: 12 inch steel irrigation pipe through levee, 3.0 feet below crown. Slant pump on bank. 1-inch electrical conduit through levee beside 12-inch pipe, visible on WS. Service pole and 2 standpipes at LW toe, one of which is a 6-inch standpipe. (App. 2392 - Swett) FS Date: 5/27/2015					

Photo 1 of 3 : UCIP\_SP\_2017\_45786\_74280.jpg



WS view: Slant pump, 12-inch and 1-inch pipe through levee.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/19/2017 04/19/2017	Herman Phillips

LM Start	2.13	Rating **	M	Issue No.	396 (cont)	
LM End	2.13	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.222560 °		38.222560 °
				-121.544485 °		-121.544485 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:45786 DS_ID:20830 EP_NO: 2392 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Hole and exposed depression adjacent to pipe at LS. Dense vegetation on WS and LS limited visibility. FIELD_STRUCT_DESC: 12 inch steel irrigation pipe through levee, 3.0 feet below crown. Slant pump on bank. 1-inch electrical conduit through levee beside 12-inch pipe, visible on WS. Service pole and 2 standpipes at LW toe, one of which is a 6-inch standpipe. (App. 2392 - Swett) FS Date: 5/27/2015						

LM Start	<b>2.13</b>	Rating **	M	Issue No.	<b>396 (cont)</b>
LM End	<b>2.13</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_SP\_2017\_45786\_74281.jpg



View toward WS with cuts in pavement in alignment with pipe on WS

Photo 3 of 3 : UCIP\_SP\_2017\_45786\_74282.jpg



LS: 2 standpipes and service pole.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/19/2017 04/19/2017	Herman Phillips

LM Start	2.38	Rating **	U	Issue No.	47
LM End	2.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.219065 °	38.218458 °
				-121.543855 °	-121.543838 °
DWR ID	DWR_RD0556_01_f_2012_47				
Comment Code					
V7 : Trees / Woody Vegetation					
Inspector Comment					
This section of trees need to be removed from levee section, visibility completely blocked.					

Photo 1 of 1 : SP\_2017\_RD0556\_18\_47\_20170517\_00062.jpg



RD 556 Unit 1 levee mile 2.38-2.42 landside slope.

LM Start	2.38	Rating **	U	Issue No.	31
LM End	2.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.219037 °	38.218342 °
				-121.543847 °	-121.543842 °
DWR ID	DWR_RD0556_01_s_2017_31				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Trim and thin trees to allow visibility of the slope and ground.					

Photo 1 of 1 : SP\_2017\_RD0556\_18\_31\_20170517\_00063.jpg



Looking downstream from the landside shoulder woody tree growth blocking the slope and shoulder.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/19/2017 04/19/2017	Herman Phillips

LM Start	2.44	Rating **	U	Issue No.	397
LM End	2.44	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.218242 °	38.218242 °
				-121.543807 °	-121.543807 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:45803 DS_ID:20831 EP_NO: 11169 Repair Type: Urgent Crossing Status: Found UCIP Comments: 2'x2' hole on levee off LS shoulder. FIELD_STRUCT_DESC: 8 inch steel irrigation pipe through levee, 3.7 feet below crown. Pump and switch panel on berm. Service pole on landward side. A 9 ft x 36-inch concrete standpipe on landside of the levee. 3 cables encased in 1.5-inch steel pipe at WS alongside 8-inch pipe, disconnected at WS. (ABO 11169-Mealer). O&M Manual Sac 103, June 1954. FS Date: 5/27/2015					

LM Start	<b>2.44</b>	Rating **	U	Issue No.	<b>397 (cont)</b>
LM End	<b>2.44</b>	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP\_SP\_2017\_45803\_74285.jpg



Pipe, pump @LS toe. 2'x2' hole off shoulder. Spigot in hole possibly for irrigation. House and service pole in background.

Photo 2 of 3 : UCIP\_SP\_2017\_45803\_74286.jpg



Closeup of 8-inch pipe, electrical conduit and box at LS berm.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/19/2017 04/19/2017	Herman Phillips

LM Start	2.44	Rating **	U	Issue No.	397 (cont)	
LM End	2.44	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.218242 °		38.218242 °
				-121.543807 °		-121.543807 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:45803 DS_ID:20831 EP_NO: 11169 Repair Type: Urgent Crossing Status: Found UCIP Comments: 2'x2' hole on levee off LS shoulder. FIELD_STRUCT_DESC: 8 inch steel irrigation pipe through levee, 3.7 feet below crown. Pump and switch panel on berm. Service pole on landward side. A 9 ft x 36-inch concrete standpipe on landside of the levee. 3 cables encased in 1.5-inch steel pipe at WS alongside 8-inch pipe, disconnected at WS. (ABO 11169-Mealer). O&M Manual Sac 103, June 1954. FS Date: 5/27/2015						

Photo 3 of 3 : UCIP\_SP\_2017\_45803\_74287.jpg



Closeup of 8-inch and 1.5-inch pipes and platform off LS toe.

LM Start	2.54	Rating **	M	Issue No.	32
LM End	2.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.216770 °	38.214455 °
				-121.543212 °	-121.539433 °
DWR ID	DWR_RD0556_01_f_2016_32				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the vegetation from the landside slope.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/19/2017 04/19/2017	Herman Phillips

LM Start	2.71	Rating **	M	Issue No.	398
LM End	2.71	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.215222 °	38.215222 °
				-121.540950 °	-121.540950 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:45883 DS_ID:20848 EP_NO: 11167 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears out of use; if so, coordinate with owner to abandon properly per Title 23. FIELD_STRUCT_DESC: 8-inch steel casing with 3-inch steel irrigation pipeline sleeved through it, 3.0 feet below crown. Annular space appears grouted. 3-inch pipe connected to pump on WS. Gate valve on waterward berm. Pipe not in use. PVC standpipe off LS toe (previously 6'x36" concrete standpipe). (ABO 11167 - Graham). O&M Manual Sac 103, June 1954 FS Date: 6/5/2015 8:11:00 AM					

No Photos

LM Start	2.72	Rating **	U	Issue No.	33
LM End	2.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.215107 °	38.215107 °
				-121.540677 °	-121.540677 °
DWR ID	DWR_RD0556_01_s_2017_33				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Fallen tree on landside. Remove the fallen tree and repair the levee damage.					

Photo 1 of 2 : SP\_2017\_RD0556\_18\_33\_20170517\_00065.jpg



RD 556 Unit 1 levee mile 2.72 fallen tree damage to shoulder and slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/19/2017 04/19/2017	Herman Phillips

LM Start	2.72	Rating **	U	Issue No.	33 (cont)	
LM End	2.72	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			38.215107 °		38.215107 °
				-121.540677 °		-121.540677 °
DWR ID	DWR_RD0556_01_s_2017_33					
Comment Code						
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.						
Inspector Comment						
Fallen tree on landside. Remove the fallen tree and repair the levee damage.						

Photo 2 of 2 : SP\_2017\_RD0556\_18\_33\_20170522\_00067.jpg



RD 349 Unut 1 levee mile 2.72 the root ball of the fallen tree on slope landward.

LM Start	2.96	Rating **	M	Issue No.	63
LM End	2.99	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.212661 °	38.212328 °
				-121.537633 °	-121.537318 °
DWR ID	DWR_RD0556_01_s_2013_63				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the vegetation from the waterside slope.					

No Photos

LM Start	3.12	Rating **	U	Issue No.	35
LM End	3.14	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.211103 °	38.210970 °
				-121.537993 °	-121.538370 °
DWR ID	DWR_RD0556_01_s_2017_35				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the unwanted wild growth from the waterside slope.					

Photo 1 of 1 : SP\_2017\_RD0556\_18\_35\_20170522\_00068.jpg



RD 556 Unit 1 levee mile 3.12-3.14 waterside shoulder and slope.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/19/2017 04/19/2017	Herman Phillips

LM Start	3.13	Rating **	M	Issue No.	62
LM End	3.15	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.211060 °	38.210913 °
				-121.538132 °	-121.538462 °
DWR ID	DWR_RD0556_01_f_2014_62				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Possible beaver den in area and there signs of activity at this location.					

No Photos

LM Start	3.22	Rating **	U	Issue No.	36
LM End	3.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.210528 °	38.210528 °
				-121.539678 °	-121.539678 °
DWR ID	DWR_RD0556_01_s_2017_36				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Repair the erosion sites.					

Photo 1 of 2 : SP\_2017\_RD0556\_18\_36\_20170522\_00069.jpg



556 Unit 1 levee mile 3.22 landside slope erosion.

LM Start	<b>3.22</b>	Rating **	U	Issue No.	<b>36 (cont)</b>
LM End	<b>3.22</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP\_2017\_RD0556\_18\_36\_20170522\_00070.jpg



556 Unit 1 slope erosion levee mile 3.22.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/19/2017 04/19/2017	Herman Phillips

LM Start	3.24	Rating **	M	Issue No.	37
LM End	3.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.210365 °	38.210365 °
				-121.540002 °	-121.540002 °
DWR ID	DWR_RD0556_01_s_2017_37				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Repair the erosion on the slope.					

Photo 1 of 1 : SP\_2017\_RD0556\_18\_37\_20170522\_00071.jpg



556 Unit 1 levee mile 3.24 landside slope.

LM Start	3.25	Rating **	U	Issue No.	38
LM End	3.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.210250 °	38.209842 °
				-121.540207 °	-121.540658 °
DWR ID	DWR_RD0556_01_s_2017_38				
Comment Code					
V7 : Trees / Woody Vegetation					
Inspector Comment					
Remove the wild tree growth and vegetation from the landside levee slope and toe so the ground can be seen.					

Photo 1 of 1 : SP\_2017\_RD0556\_18\_38\_20170522\_00072.jpg



556 Unit 1 levee mile 3.25-3.29 woody tree growth and vegetation blocking the view of the levee slope and toe.

LM Start	3.42	Rating **	U	Issue No.	41
LM End	5.47	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.208113 °	38.186528 °
				-121.541582 °	-121.562450 °
DWR ID	DWR_RD0556_01_s_2017_41				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Remove the wild growth other than annual grasses from the levee slope.					

Photo 1 of 1 : SP\_2017\_RD0556\_18\_41\_20170522\_00073.jpg



556 Unit 1 levee mile 3.42-5.47 landside shoulder and slope.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/19/2017 04/19/2017	Herman Phillips

LM Start	3.94	Rating **	U	Issue No.	70
LM End	4.01	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.201515 °	38.201105 °
				-121.542573 °	-121.543720 °
DWR ID	DWR_RD0556_01_f_2014_70				
Comment Code					
CR : Crops					
Inspector Comment					
Remove the unauthorized planter boxes repack earth materials back on slope.					

Photo 1 of 2 : SP\_2017\_RD0556\_18\_70\_20170404\_00012.jpg



Continue placement of unauthorized planter boxes into levee slope waterside.

LM Start	<b>3.94</b>	Rating **	U	Issue No.	<b>70 (cont)</b>
LM End	<b>4.01</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : SP\_2017\_RD0556\_18\_70\_20170404\_00013.jpg



Landowner has dug into waterward slope and placed planterboxes.

LM Start	3.95	Rating **	M	Issue No.	86
LM End	4.06	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.201475 °	38.200617 °
				-121.542832 °	-121.544530 °
DWR ID	DWR_RD0556_01_s_2012_86				
Comment Code					
BU : Building					
Inspector Comment					
There is a remodeled home on waterward berm. The CVFPB is aware of the structure. A permit has been secured by land owner for the dwelling.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/19/2017 04/19/2017	Herman Phillips

LM Start	4.04	Rating **	M	Issue No.	59
LM End	4.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.200897 °	38.192662 °
				-121.544350 °	-121.553160 °
DWR ID	DWR_RD0556_01_f_2012_59				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Exterminate the rodents and backfill the burrows.					

No Photos

LM Start	4.07	Rating **	U	Issue No.	67
LM End	5.48	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.200658 °	38.186464 °
				-121.544711 °	-121.562550 °
DWR ID	DWR_RD0556_01_s_2013_67				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the wild weed growth and Arundo from the waterside levee section.					

Photo 1 of 1 : SP\_2017\_RD0556\_18\_67\_20170523\_00074.jpg



Looking downstream on the waterside arundo completely blocking view of the slope and shoulder.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/19/2017 04/19/2017	Herman Phillips

LM Start	5.12	Rating **	M	Issue No.	1
LM End	5.27	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.189775 °	38.188121 °
				-121.557729 °	-121.559413 °
DWR ID	DWR_RD0556_01_f_2016_1				
Comment Code					
Inspector Comment					
1997 - Toe damaged rock. 1999 - One pocket filled with gravel. 2000 - Eroding beach with some biotech rolls and stakes; some gravel on slope. 2001 - Staked, low fascine walls at bankline. 2005 - Stone revetment in between pockets. 2006 - New rock on upper slope behind brush boxes at the upstream end, Stone is sliding off the hard toe. 2015: Last observed in 2013. [2015 Site ID: GEO_7-0_R]					

Photo 1 of 1 : SP\_2017\_RD0556\_18\_1\_20170404\_00001.jpg



USACE 2013 Photo #1

LM Start	5.46	Rating **	U	Issue No.	44
LM End	5.46	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.186593 °	38.186593 °
				-121.562217 °	-121.562217 °
DWR ID	DWR_RD0556_01_s_2017_44				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the fallen tree from the landside slope and repair the damage to the slope.					

Photo 1 of 2 : SP\_2017\_RD0556\_18\_44\_20170523\_00075.jpg



RD 556 Unit 1 levee mile 5.46 fallen tree on landside slope and damage to the slope.

LM Start	<b>5.46</b>	Rating **	U	Issue No.	<b>44 (cont)</b>
LM End	<b>5.46</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP\_2017\_RD0556\_18\_44\_20170523\_00076.jpg



view from upstream.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	04/19/2017 04/19/2017	Herman Phillips

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2017 Levee Inspection Results**

**Reclamation District No. 0556 Upper Andrus**

Waterway			Bank	Unit Miles
Unit No. 02 Sacramento River			Left	5.72
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/19/2017 - 4/19/2017			
DWR Inspector	Herman Phillips			
Accompanied By	Mr. DuWain Silva RD 556			

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/19/2017 04/19/2017	Herman Phillips

LM Start	0.00	Rating **	U	Issue No.	29
LM End	5.71	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.200550 °	38.191937 °
				-121.544190 °	-121.567510 °
DWR ID	DWR_RD0556_02_f_2016_29				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Control the wild vegetation and wild tree growth from the landside slope and shoulder heading downstream					

Photo 1 of 1 : SP\_2017\_RD0556\_19\_29\_20170523\_00054.jpg



RD 556 Unit 2 from levee mile 0.00-5.71.

LM Start	0.00	Rating **	U	Issue No.	82
LM End	5.71	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.200550 °	38.191937 °
				-121.544190 °	-121.567510 °
DWR ID	DWR_RD0556_02_s_2013_82				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Waterside levee slope and shoulder is covered with wild tree growth and other unsatisfactory vegetation.					

Photo 1 of 1 : SP\_2017\_RD0556\_19\_82\_20170404\_00015.jpg



RD 556 Unit 2 looking downstream of waterside slope.

LM Start	0.31	Rating **	M	Issue No.	12
LM End	0.60	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.238784 °	38.237862 °
				-121.523932 °	-121.529188 °
DWR ID	DWR_RD0556_02_f_2016_12				
Comment Code					
Inspector Comment					
2002 - Two rocked sections (150 ft long) at the downstream end. 2005 - Lots of old brush boxes, some with established vegetation in the area behind the boxes. 2006 - Some small spots fixed with stone. 2009 - Minimal new erosion, rock in the middle of the reach may be new. 2011 - Minor new erosion at the toe. 2013 - Minor new erosion. 2015: Site is currently under construction. [2015 Site ID: SAC 26-0 L]					

Photo 1 of 1 : SP\_2017\_RD0556\_19\_12\_20170404\_00010.jpg



USACE 2013 Photo #1

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/19/2017 04/19/2017	Herman Phillips

LM Start	0.94	Rating **	M	Issue No.	83
LM End	0.94	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.238125 °	38.238125 °
				-121.535267 °	-121.535267 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:12512					
DS_ID:20851					
EP_NO: 11186					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: - a concrete box on LS- water is leaking from priming plastic tank and causing surface erosion on levee slope.					
FIELD_STRUCT_DESC: 4-inch pipe through levee, 4.3-feet below crown. Pump in pump house on berm. Siphon breaker and service pole on landward slope. A concrete spillbox with 3-8-inch openings. (ABO #11186 - Marks). O&M Manual Sac 103, June 1954.					
FS Date: 4/25/2013					

Photo 1 of 3 : UCIP\_SP\_2017\_12512\_20245.jpg



WS- pump house on levee berm

LM Start	<b>0.94</b>	Rating **	M	Issue No.	<b>83 (cont)</b>
LM End	<b>0.94</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_SP\_2017\_12512\_20244.jpg



LS- steel pipe on a concrete box

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/19/2017 04/19/2017	Herman Phillips

LM Start	0.94	Rating **	M	Issue No.	83 (cont)	
LM End	0.94	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.238125 °		38.238125 °
				-121.535267 °		-121.535267 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:12512						
DS_ID:20851						
EP_NO: 11186						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: - a concrete box on LS- water is leaking from priming plastic tank and causing surface erosion on levee slope.						
FIELD_STRUCT_DESC: 4-inch pipe through levee, 4.3-feet below crown. Pump in pump house on berm. Siphon breaker and service pole on landward slope. A concrete spillbox with 3-8-inch openings. (ABO						
#11186 - Marks). O&M Manual Sac 103, June 1954.						
FS Date: 4/25/2013						

Photo 3 of 3 : UCIP\_SP\_2017\_12512\_20243.jpg



WS- pipe daylight from the pump house.

LM Start	1.03	Rating **	M	Issue No.	2
LM End	1.15	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.238772 °	38.239265 °
				-121.536788 °	-121.538845 °
DWR ID	DWR_RD0556_02_f_2016_2				
Comment Code					
Inspector Comment					
1997 - Rock is in poor condition and has failed in many places. Scallops in berm with remnants of old rock in the toe area. 2005 - Brush boxes present. 2013 - Site extended upstream approximately 300 ft to include new erosion pockets. 2015: Minor new erosion at toe. [2015 Site ID: SAC_25-2_L]					

Photo 1 of 1 : SP\_2017\_RD0556\_19\_2\_20170404\_00002.jpg



USACE 2013 Photo #1

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/19/2017 04/19/2017	Herman Phillips

LM Start	1.22	Rating **	M	Issue No.	84
LM End	1.22	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.239327 °	38.239327 °
				-121.540190 °	-121.540190 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:12573					
DS_ID:20852					
EP_NO: 11187					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: - gap between 6-inch pipe and 10-inch pipe needs to be sealed.					
FIELD_STRUCT_DESC: A 6-inch steel pipe sleeved through 10-inch pipe through levee, 4.8 feet below crown. Pump on waterside of the levee on river bank. (ABO #11187 Machado).					
FS Date: 4/25/2013					

LM Start	<b>1.22</b>	Rating **	M	Issue No.	<b>84 (cont)</b>
LM End	<b>1.22</b>	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP\_SP\_2017\_12573\_20381.jpg



LS- 6-inch steel pipe on orchard.

Photo 2 of 3 : UCIP\_SP\_2017\_12573\_20380.jpg



LS- 6-inch steel pipe sleeved through 10-inch steel pipe. 6" pipe is attached with air release valve.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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## Levee Inspection Report By Mile - Spring 2017

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/19/2017 04/19/2017	Herman Phillips

Photo 3 of 3 : UCIP\_SP\_2017\_12573\_20383.jpg



WS- 6-inch steel pipe on levee slope

Photo 1 of 1 : SP\_2017\_RD0556\_19\_5\_20170404\_00005.jpg



23 OCT 2013  
0:10:19.11  
48.11, 89.7

USACE 2013 Photo #1

Thursday, June 01, 2017 09:30 **FINAL DATA** Page 5 of 26

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/19/2017 04/19/2017	Herman Phillips

LM Start	2.28	Rating **	U	Issue No.	1
LM End	2.28	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.237156 °	38.237156 °
				-121.557640 °	-121.557640 °
DWR ID	DWR_RD0556_02_f_2015_1				
Comment Code					
LI : Landscape Irrigation					
Inspector Comment					
These unauthorized planted redwoods have been reported in the past inspections, the District needs to have the owner remove them from the levee slope.					

Photo 1 of 1 : SP\_2017\_RD0556\_19\_1\_20170404\_00001.jpg



RD 556 Unit 2 Levee mile 2.28 unauthorized planting of redwood trees planted on the slope.

LM Start	2.42	Rating **	M	Issue No.	85
LM End	2.42	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.235261 °	38.235261 °
				-121.558059 °	-121.558059 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:12574					
DS_ID:20859					
EP_NO: 11181					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: - Needs to clean CMP riser for proper functioning of siphon breaker.					
FIELD_STRUCT_DESC: A 10-inch steel irrigation pipe through levee, 5.8 feet below crown. Pump and gate valve in pump house on waterward slope. Siphon breaker and service pole on landward slope. (ABO #11181- Collins.). O&M Manual Sac 103, June 1954.					
FS Date: 4/25/2013					

Photo 1 of 3 : UCIP\_SP\_2017\_12574\_20388.jpg



WS- pump house on levee berm

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/19/2017 04/19/2017	Herman Phillips

LM Start	2.42	Rating **	M	Issue No.	85 (cont)
LM End	2.42	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.235261 °	38.235261 °
				-121.558059 °	-121.558059 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:12574					
DS_ID:20859					
EP_NO: 11181					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: - Needs to clean CMP riser for proper functioning of siphon breaker.					
FIELD_STRUCT_DESC: A 10-inch steel irrigation pipe through levee, 5.8 feet below crown. Pump and gate valve in pump house on waterward slope. Siphon breaker and service pole on landward slope. (ABO #11181- Collins.). O&M Manual Sac 103, June 1954.					
FS Date: 4/25/2013					

Photo 2 of 3 : UCIP\_SP\_2017\_12574\_20387.jpg



WS- pump, and gate valve in pump house.

LM Start	<b>2.42</b>	Rating **	M	Issue No.	<b>85 (cont)</b>
LM End	<b>2.42</b>	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_SP\_2017\_12574\_20386.jpg



WS- power control panel and electric conduit in pump house.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/19/2017 04/19/2017	Herman Phillips

LM Start	2.84	Rating **	M	Issue No.	86
LM End	2.84	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.229524 °	38.229524 °
				-121.555404 °	-121.555404 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41713					
DS_ID:20849					
EP_NO: 11181					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: - Needs to clean siphon breaker CMP riser.					
FIELD_STRUCT_DESC: A 6-inch pipe through levee, 6.0 feet below crown. Pressure tank in pump house on waterward berm. Service pole, siphon breaker and distribution box on landward slope. (ABO #11181 - Collins.)					
FS Date: 4/25/2013					

Photo 1 of 3 : UCIP\_SP\_2017\_41713\_20284.jpg



WS- pump house on levee berm.

LM Start	<b>2.84</b>	Rating **	M	Issue No.	<b>86 (cont)</b>
LM End	<b>2.84</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_SP\_2017\_41713\_20283.jpg



LS- siphon breaker in CMP riser on levee slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/19/2017 04/19/2017	Herman Phillips

LM Start	2.84	Rating **	M	Issue No.	86 (cont)	
LM End	2.84	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.229524 °	38.229524 °	
				-121.555404 °	-121.555404 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:41713						
DS_ID:20849						
EP_NO: 11181						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: - Needs to clean siphon breaker CMP riser.						
FIELD_STRUCT_DESC: A 6-inch pipe through levee, 6.0 feet below crown. Pressure tank in pump house on waterward berm. Service pole, siphon breaker and distribution box on landward slope. (ABO #11181 - Collins.)						
FS Date: 4/25/2013						

Photo 3 of 3 : UCIP\_SP\_2017\_41713\_20282.jpg



LS- concrete distribution box near toe of the levee

LM Start	2.93	Rating **	M	Issue No.	11
LM End	3.04	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.228202 °	38.226601 °
				-121.555502 °	-121.555605 °
DWR ID	DWR_RD0556_02_f_2016_11				
Comment Code					
Inspector Comment					
1997 - Few scallops in berm, some getting close to levee toe. 2005 - Brush boxes present. 2012 - More erosion of the toe since last year. 2015: No observed changes. [2015 Site ID: SAC_23-3_L]					

Photo 1 of 1 : SP\_2017\_RD0556\_19\_11\_20170404\_00009.jpg



USACE 2013 Photo #1

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/19/2017 04/19/2017	Herman Phillips

LM Start	3.07	Rating **	M	Issue No.	87
LM End	3.07	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.226225 °	38.226225 °
				-121.555236 °	-121.555236 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:12525 DS_ID:20862 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - 9-inch steel pipe sleeved through 12-inch pipe.- needs to seal gap between two pipes. FIELD_STRUCT_DESC: A 9-inch steel pipe sleeved through 12-inch steel irrigation pipe through levee, 6.0 feet below crown. Pump on pile structure in stream. Steel walkway to pump, wood steps on waterward slope. Concrete spillbox with 2- 8 inch openings. (ABO #11193-Reid.). O&M Manual Sac 103, June 1954. FS Date: 4/25/2013					

Photo 1 of 3 : UCIP\_SP\_2017\_12525\_20290.jpg



WS- walkway, pump, and pipe on steel pile structure in the river.

LM Start	<b>3.07</b>	Rating **	M	Issue No.	<b>87 (cont)</b>
LM End	<b>3.07</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_SP\_2017\_12525\_20289.jpg



WS- 9-inch pipe sleeved through 10 inch steel pipe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/19/2017 04/19/2017	Herman Phillips

LM Start	3.07	Rating **	M	Issue No.	87 (cont)
LM End	3.07	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.226225 °	38.226225 °
				-121.555236 °	-121.555236 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:12525					
DS_ID:20862					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: - 9-inch steel pipe sleeved through 12-inch pipe.- needs to seal gap between two pipes.					
FIELD_STRUCT_DESC: A 9-inch steel pipe sleeved through 12-inch steel irrigation pipe through levee, 6.0 feet below crown. Pump on pile structure in stream. Steel walkway to pump, wood steps on waterward slope. Concrete spillbox with 2- 8 inch openings. (ABO #11193-Reid.). O&M Manual Sac 103, June 1954.					
FS Date: 4/25/2013					

Photo 3 of 3 : UCIP\_SP\_2017\_12525\_20288.jpg



LS- a concrete spill box on landside of the levee.

LM Start	3.17	Rating **	M	Issue No.	10
LM End	3.28	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.224850 °	38.223233 °
				-121.555641 °	-121.555687 °
DWR ID	DWR_RD0556_02_f_2016_10				
Comment Code					
Inspector Comment					
2000 - Recently fallen cottonwood at the downstream end. 2005 - Empty brush boxes. 2011 - A few trees have fallen since last year. 2012 - Potential new tree popout since last year. 2013 - New erosion at downstream end of site and a recent tree pop-out observed. 2015: No observed changes. [2015 Site ID: SAC_23-2_L]					

Photo 1 of 1 : SP\_2017\_RD0556\_19\_10\_20170404\_00008.jpg



USACE 2013 Photo #1

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/19/2017 04/19/2017	Herman Phillips

LM Start	3.51	Rating **	M	Issue No.	88
LM End	3.51	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.219851 °	38.219851 °
				-121.556129 °	-121.556129 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:12527					
DS_ID:20863					
EP_NO: 11181					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: - needs to fix siphon breaker					
FIELD_STRUCT_DESC: A 10-inch steel irrigation pipe through levee, 4.8 feet below crown. Steel walkway to pump on pile structure in stream. Siphon breaker on waterside and service pole on landward slope. A concrete spillbox with 2-15 inch openings on landside. (ABO # 11181- Collins.). O&M Manual Sac 103, June 1954.					
FS Date: 4/25/2013					

LM Start	<b>3.51</b>	Rating **	M	Issue No.	<b>88 (cont)</b>
LM End	<b>3.51</b>	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP\_SP\_2017\_12527\_20297.jpg



WS- pump, pipe, and walkway on steel structure in the stream.

Photo 2 of 3 : UCIP\_SP\_2017\_12527\_20296.jpg



WS- siphon breaker and abandoned CMP riser laying adjacent to it.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/19/2017 04/19/2017	Herman Phillips

LM Start	3.51	Rating **	M	Issue No.	88 (cont)
LM End	3.51	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.219851 °	38.219851 °
				-121.556129 °	-121.556129 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:12527					
DS_ID:20863					
EP_NO: 11181					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: - needs to fix siphon breaker					
FIELD_STRUCT_DESC: A 10-inch steel irrigation pipe through levee, 4.8 feet below crown. Steel walkway to pump on pile structure in stream. Siphon breaker on waterside and service pole on landward slope. A concrete spillbox with 2-15 inch openings on landside. (ABO # 11181- Collins.). O&M Manual Sac 103, June 1954.					
FS Date: 4/25/2013					

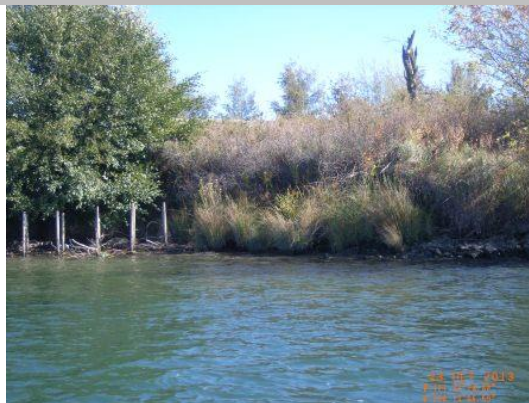
Photo 3 of 3 : UCIP\_SP\_2017\_12527\_20295.jpg



WS- siphon breaker on levee slope.

LM Start	3.58	Rating **	M	Issue No.	8
LM End	3.64	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.218951 °	38.218104 °
				-121.556689 °	-121.556819 °
DWR ID	DWR_RD0556_02_f_2016_8				
Comment Code					
Inspector Comment					
1997 - Scallops into berm and very close to levee toe. 2005 - Brush boxes present. 2011 - New toe scour and freshly fallen tree. 2012 - New tree popout has taken significant portion of soil out of the levee. 2015: No observed changes. [2015 Site ID: SAC_22-7_L]					

Photo 1 of 1 : SP\_2017\_RD0556\_19\_8\_20170404\_00007.jpg



USACE 2013 Photo #1

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/19/2017 04/19/2017	Herman Phillips

LM Start	3.95	Rating **	M	Issue No.	4
LM End	4.12	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.213581 °	38.211112 °
				-121.557197 °	-121.557042 °
DWR ID	DWR_RD0556_02_f_2016_4				
Comment Code					
Inspector Comment					
2002 - Spot rock along berm, but not in the erosion pockets. 2005 - Some new minor stone revetment at the upstream end. Brush boxes present. 2006 - Currently installing new brush in downstream brush boxes. 2007 - Rock in middle portion for about 150 ft. 2010 - Some attempt at repairs but still has pockets of erosion. 2012 - More erosion along the toe. 2015: No observed changes. [2015 Site ID: SAC_22-5_L]					

Photo 1 of 1 : SP\_2017\_RD0556\_19\_4\_20170404\_00004.jpg



USACE 2013 Photo #1

LM Start	3.99	Rating **	M	Issue No.	89
LM End	3.99	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.213031 °	38.213031 °
				-121.556800 °	-121.556800 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:12543 DS_ID:20864 EP_NO: 11197 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Electric control panel in pump house.Needs cleaning of CMP riser on landside. FIELD_STRUCT_DESC: A 6-inch steel irrigation pipe through levee 6.5 feet below crown. Slanted pump on steel pile structure in the stream, walkway to the pump, and gate valve in pump house on waterward slope. Siphon breaker and service poles on landward slope. Concrete standpipe on landside. (ABO #11197- Souza.). O&M Manual Sac 103, June 1954. FS Date: 4/25/2013					

Photo 1 of 3 : UCIP\_SP\_2017\_12543\_20302.jpg



WS- pipe and pump on steel pile structure. Steel walkway from pump house to the pump on steel structure.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/19/2017 04/19/2017	Herman Phillips

LM Start	3.99	Rating **	M	Issue No.	89 (cont)	
LM End	3.99	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.213031 °		38.213031 °
				-121.556800 °		-121.556800 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:12543 DS_ID:20864 EP_NO: 11197 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Electric control panel in pump house.Needs cleaning of CMP riser on landside. FIELD_STRUCT_DESC: A 6-inch steel irrigation pipe through levee 6.5 feet below crown. Slanted pump on steel pile structure in the stream, walkway to the pump, and gate valve in pump house on waterward slope. Siphon breaker and service poles on landward slope. Concrete standpipe on landside. (ABO #11197- Souza.). O&M Manual Sac 103, June 1954. FS Date: 4/25/2013						

LM Start	<b>3.99</b>	Rating **	M	Issue No.	<b>89 (cont)</b>
LM End	<b>3.99</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_SP\_2017\_12543\_20301.jpg



LS- siphon breaker in CMP riser and concrete standpipe behind CMP riser.

Photo 3 of 3 : UCIP\_SP\_2017\_12543\_20300.jpg



LS- siphon breaker in CMP riser. It needs cleaning.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/19/2017 04/19/2017	Herman Phillips

LM Start	4.26	Rating **	M	Issue No.	90
LM End	4.26	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.209117 °	38.209117 °
				-121.556803 °	-121.556803 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:12545 DS_ID:20865 EP_NO: 11194 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - CMP riser found abandoned on LS slope. Due to dense vegetation siphon breaker could not be found.- Dense vegetation on both sides of the levee.- Oil leaks from pump set. FIELD_STRUCT_DESC: A 8-inch pipe through levee, 6.7 feet below crown. Pump and gate valve in pump house on waterward slope. Siphon breaker on landward slope. (ABO #11194- Robinson.). O&M Manual Sac 103, June 1954. FS Date: 4/25/2013					

LM Start	<b>4.26</b>	Rating **	M	Issue No.	<b>90 (cont)</b>
LM End	<b>4.26</b>	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP\_SP\_2017\_12545\_20310.jpg



WS- pump house not visible due to the dense vegetation.

Photo 2 of 3 : UCIP\_SP\_2017\_12545\_20309.jpg



WS- pump house inside the dense vegetation.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/19/2017 04/19/2017	Herman Phillips

LM Start	4.26	Rating **	M	Issue No.	90 (cont)	
LM End	4.26	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.209117 °		38.209117 °
				-121.556803 °		-121.556803 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:12545 DS_ID:20865 EP_NO: 11194 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - CMP riser found abandoned on LS slope. Due to dense vegetation siphon breaker could not be found.- Dense vegetation on both sides of the levee.- Oil leaks from pump set. FIELD_STRUCT_DESC: A 8-inch pipe through levee, 6.7 feet below crown. Pump and gate valve in pump house on waterward slope. Siphon breaker on landward slope. (ABO #11194- Robinson.). O&M Manual Sac 103, June 1954. FS Date: 4/25/2013						

Photo 3 of 3 : UCIP\_SP\_2017\_12545\_20308.jpg



WS- pump, gate valve and pipe in pump house.

LM Start	4.45	Rating **	M	Issue No.	7
LM End	4.49	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.206377 °	38.205729 °
				-121.557184 °	-121.557108 °
DWR ID	DWR_RD0556_02_f_2016_7				
Comment Code					
Inspector Comment					
2013 - Erosion pockets encroaching on levee foundation. 2015: No observed changes. [2015 Site ID: SAC_21-9_L]					

Photo 1 of 1 : SP\_2017\_RD0556\_19\_7\_20170404\_00006.jpg



USACE 2013 Photo #1

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/19/2017 04/19/2017	Herman Phillips

LM Start	4.54	Rating **	M	Issue No.	91
LM End	4.54	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.204974 °	38.204974 °
				-121.556789 °	-121.556789 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:12546 DS_ID:20866 EP_NO: 11940 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - Abandoned crossing.- Siphon breaker on LS not found due to dense vegetation, - An abandoned CMP riser and service pole found on LS.- It may need to be properly abandoned. FIELD_STRUCT_DESC: Abandoned 6-inch pipe through levee, 6.7 feet below crown. Pump and gate valve in pumphouse on waterward slope. Siphon breaker and service pole on landward slope. (ABO # 11940-Robinson.). O&M Manual Sac 103, June 1954. FS Date: 4/25/2013					

Photo 1 of 3 : UCIP\_SP\_2017\_12546\_20314.jpg



WS- abandoned pump house on levee slope. Dense vegetation on levee slope.

LM Start	<b>4.54</b>	Rating **	M	Issue No.	<b>91 (cont)</b>
LM End	<b>4.54</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_SP\_2017\_12546\_20313.jpg



WS- pipe daylight from levee slope to pump house.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

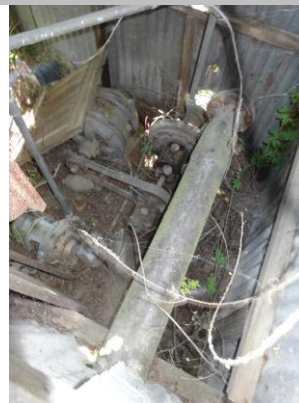
**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/19/2017 04/19/2017	Herman Phillips

LM Start	4.54	Rating **	M	Issue No.	91 (cont)	
LM End	4.54	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.204974 °		38.204974 °
				-121.556789 °		-121.556789 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:12546 DS_ID:20866 EP_NO: 11940 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - Abandoned crossing.- Siphon breaker on LS not found due to dense vegetation, - An abandoned CMP riser and service pole found on LS.- It may need to be properly abandoned. FIELD_STRUCT_DESC: Abandoned 6-inch pipe through levee, 6.7 feet below crown. Pump and gate valve in pumphouse on waterward slope. Siphon breaker and service pole on landward slope. (ABO # 11940-Robinson.). O&M Manual Sac 103, June 1954. FS Date: 4/25/2013						

Photo 3 of 3 : UCIP\_SP\_2017\_12546\_20315.jpg



WS- abandoned gate valve, pump, and pipe in pump house

LM Start	4.63	Rating **	M	Issue No.	38
LM End	4.84	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.203693 °	38.200593 °
				-121.556683 °	-121.557208 °
DWR ID	DWR_RD0556_02_s_2012_38				
Comment Code					
FE : Fence					
Inspector Comment					
Remove this old fence from the levee section landside.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/19/2017 04/19/2017	Herman Phillips

LM Start	4.65	Rating **	U	Issue No.	27
LM End	4.65	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.203425 °	38.203425 °
				-121.556845 °	-121.556845 °
DWR ID	DWR_RD0556_02_s_2017_27				
Comment Code					
TR : Tree or limb					
Inspector Comment					

Photo 1 of 2 : SP\_2017\_RD0556\_19\_27\_20170404\_00011.jpg



RD 556 Unit 2 levee mile 2.16-2.19 waterside toe of slope.

LM Start	<b>4.65</b>	Rating **	U	Issue No.	<b>27 (cont)</b>
LM End	<b>4.65</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : SP\_2017\_RD0556\_19\_27\_20170404\_00012.jpg



RD 556 Unit 2 levee mile 2.16-2.19 waterside toe looking downstream.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/19/2017 04/19/2017	Herman Phillips

LM Start	4.73	Rating **	M	Issue No.	92
LM End	4.73	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.202301 °	38.202301 °
				-121.556952 °	-121.556952 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:12547					
DS_ID:20867					
EP_NO: 11199					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: - pump, gate valve and pumphouse not found on waterward slope.- an abandoned electric control panel found on WS.- may need to be properly abandoned.					
FIELD_STRUCT_DESC: A 6-inch steel irrigation pipe through levee, 6.5 feet below crown. Siphon and concrete spill box with 2- 8 inch openings. (ABO #11199- Tokoyoshi.). O&M Manual Sac 103, June 1954.					
FS Date: 4/25/2013					

LM Start	<b>4.73</b>	Rating **	M	Issue No.	<b>92 (cont)</b>
LM End	<b>4.73</b>	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP\_SP\_2017\_12547\_20320.jpg



LS- obstructed siphon breaker in CMP riser on levee slope.

Photo 2 of 3 : UCIP\_SP\_2017\_12547\_20319.jpg



LS- concrete distribution box near levee toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/19/2017 04/19/2017	Herman Phillips

LM Start	4.73	Rating **	M	Issue No.	92 (cont)
LM End	4.73	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.202301 °	38.202301 °
				-121.556952 °	-121.556952 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:12547 DS_ID:20867 EP_NO: 11199 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: - pump, gate valve and pumphouse not found on waterward slope.- an abandoned electric control panel found on WS.- may need to be properly abandoned. FIELD_STRUCT_DESC: A 6-inch steel irrigation pipe through levee, 6.5 feet below crown. Siphon and concrete spill box with 2- 8 inch openings. (ABO #11199- Tokoyoshi.). O&M Manual Sac 103, June 1954. FS Date: 4/25/2013					

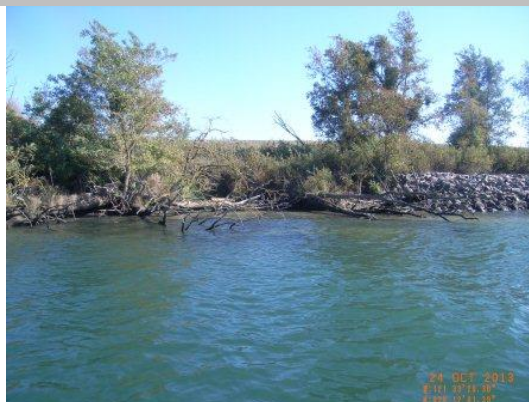
Photo 3 of 3 : UCIP\_SP\_2017\_12547\_20318.jpg



LS- power pole and a concrete distribution box near levee toe.

LM Start	4.77	Rating **	M	Issue No.	3
LM End	4.88	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.201687 °	38.200225 °
				-121.557305 °	-121.557749 °
DWR ID	DWR_RD0556_02_f_2016_3				
Comment Code					
Inspector Comment					
1999 - Downstream 140 ft repaired with rock. 2010 - Lots of woody debris, but no changes to site. 2015: Site extended upstream due to erosion pockets. [2015 Site ID: SAC_21-5_L]					

Photo 1 of 1 : SP\_2017\_RD0556\_19\_3\_20170404\_00003.jpg



USACE 2013 Photo #1

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/19/2017 04/19/2017	Herman Phillips

LM Start	4.95	Rating **	M	Issue No.	93
LM End	4.95	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.199133°	38.199133°
				-121.557939°	-121.557939°
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:12564  
DS\_ID:20868  
EP\_NO: 11191  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: - needs to fix CMP riser.  
FIELD\_STRUCT\_DESC: A 8-inch pipe through levee, 5.7 feet below crown. Pump on waterward slope, gate valve on berm. Siphon breaker and service pole on landward slope. (ABO #11191-Pacific Fruit Exchange.)  
FS Date: 4/25/2013

LM Start	<b>4.95</b>	Rating **	M	Issue No.	<b>93 (cont)</b>
LM End	<b>4.95</b>	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP\_SP\_2017\_12564\_20347.jpg



WS- pump house on levee slope.

Photo 2 of 3 : UCIP\_SP\_2017\_12564\_20346.jpg



WS- pump, pipe and gate valve in pump house.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/19/2017 04/19/2017	Herman Phillips

LM Start	4.95	Rating **	M	Issue No.	93 (cont)
LM End	4.95	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.199133 °	38.199133 °
				-121.557939 °	-121.557939 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:12564 DS_ID:20868 EP_NO: 11191 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - needs to fix CMP riser. FIELD_STRUCT_DESC: A 8-inch pipe through levee, 5.7 feet below crown. Pump on waterward slope, gate valve on berm. Siphon breaker and service pole on landward slope. (ABO #11191-Pacific Fruit Exchange.) FS Date: 4/25/2013					

Photo 3 of 3 : UCIP\_SP\_2017\_12564\_20351.jpg



WS- closer look at pump, pipe and gate valve in pump house.

LM Start	5.21	Rating **	U	Issue No.	94
LM End	5.21	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.195755 °	38.195755 °
				-121.560078 °	-121.560078 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:12570 DS_ID:20869 EP_NO: 11185 Repair Type: Urgent Crossing Status: Found UCIP Comments: Large pit and erosion on WS levee berm. FIELD_STRUCT_DESC: A 8-inch pipe through levee, 5.7 feet below crown. Pump and gate valve in pumphouse on waterward slope. Siphon breaker, concrete box, and service pole on landward slope. (ABO # 11185- Langhart.) FS Date: 4/25/2013					

Photo 1 of 3 : UCIP\_SP\_2017\_12570\_20364.jpg



WS- pump house on levee slope

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/19/2017 04/19/2017	Herman Phillips

LM Start	5.21	Rating **	U	Issue No.	94 (cont)	
LM End	5.21	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.195755 °	38.195755 °	
				-121.560078 °	-121.560078 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:12570 DS_ID:20869 EP_NO: 11185 Repair Type: Urgent Crossing Status: Found UCIP Comments: Large pit and erosion on WS levee berm. FIELD_STRUCT_DESC: A 8-inch pipe through levee, 5.7 feet below crown. Pump and gate valve in pumphouse on waterward slope. Siphon breaker, concrete box, and service pole on landward slope. (ABO # 11185- Langhart.) FS Date: 4/25/2013						

Photo 2 of 3 : UCIP\_SP\_2017\_12570\_20363.jpg



WS- pipe daylight from the levee.

LM Start	<b>5.21</b>	Rating **	U	Issue No.	<b>94 (cont)</b>
LM End	<b>5.21</b>	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_SP\_2017\_12570\_20367.jpg



WS- intake pipe in the stream.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/19/2017 04/19/2017	Herman Phillips

LM Start	5.40	Rating **	M	Issue No.	31
LM End	5.44	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.193760 °	38.193445 °
				-121.562458 °	-121.562895 °
DWR ID	DWR_RD0556_02_s_2012_31				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Control the wild growth within the landscaping. This choice of plant has taken over the levee slope and shoulder making it imposible to view the slope and ground.					

Photo 1 of 1 : SP\_2017\_RD0556\_19\_31\_20170404\_00014.jpg



RD 556 Unit 2 levee mile 5.40-5.44 landside levee shoulder and slope looking downstream.

LM Start	5.45	Rating **	M	Issue No.	20
LM End	5.45	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.193391 °	38.193391 °
				-121.563159 °	-121.563159 °
DWR ID	DWR_RD0556_02_s_2012_20				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Cut up the fallen tree and remove it from the waterside levee section.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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